

## **STEM CELLS**

### **Abstract of the Disclosure**

The present invention relates to an isolated stem cell population wherein said stem cells are CD34+, capable of self regeneration, capable of differentiation into ectodermal, mesodermal and endodermal cells and capable of adhering to tissue-culture grade plastic as well as to methods of isolation of said cells, methods of culturing and differentiation thereof, the progeny of such methods of differentiation as well as uses, including therapeutic uses of the stem cells and their differentiated progeny.